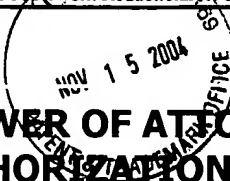


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Approved for use through 10/31/2002. OMB 0651-0035

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 <p><b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</b></p>	Application Number	10/718,016
	Filing Date	November 19, 2003
	First Named Inventor	Barnett B. Rosenblum
	Group Art Unit	1623
	Examiner Name	Not yet assigned
	Attorney Docket Number	4992 US

I hereby appoint:

☒ Practitioners at Customer Number

22896

**OR**☐ Practitioner(s) named below:

22896

PATENT TRADEMARK OFFICE

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (PTO/SB/96)*
**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Scott R. Bortner, Patent Attorney, Reg. No. 34,298

Date

November 10, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.\*

☐ \* Total of \_\_\_\_\_ forms are submitted.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Barnett B. RosenblumApplication No./Patent No.: 10/718,016 Filed/Issue Date: November 19, 2003Entitled: Polynucleotide Sequence Detection AssaysApplera Corporation

(Name of Assignee)

, a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment is submitted for recordation via EPAS transmission on November 10, 2004.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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The document recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]


The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 10, 2004

Date

Scott R. Bortner, Reg. No. 34,298

Typed or printed name



Signature

Patent Attorney

Title

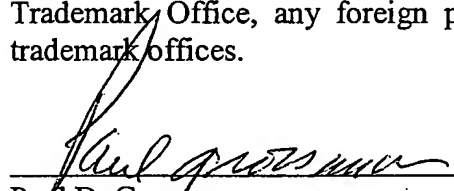
**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT AND TRADEMARK MATTERS  
EFFECTIVE THROUGH: December 31, 2006**

\*\*\*\*\*

I, Paul D. Grossman, as Assistant Secretary of Applera Corporation ("Applera"), hereby authorize the following patent attorneys:

Scott R. Bortner, Reg. No. 34,298  
John W. Burns, Reg. No. 43,520  
Jeffery D. Frazier, Reg. No. 34,601  
Brian D. Gildea, Reg. No. 39,995  
Andrew T. Karnakis, Reg. No. 27,909  
Phil N. Makrogiannis, Reg. No. 47,766  
Vincent M. Powers, Reg. No. 36,246

(1) to act on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark entities, (2) to execute power of attorney documents on behalf of Applera, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of Applera, in any foreign or international patent or trademark applications filed with any foreign and/or international patent or trademark offices, and (3) to execute assignment and ownership documents on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark offices.

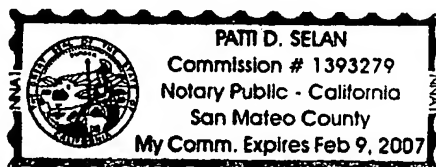
  
Paul D. Grossman  
Assistant Secretary,  
Applera Corporation

3/26/04  
Date

State of California       )  
                                      ) ss.  
County of San Mateo     )

On March 26, 2004 before me, Patti D. Selan, personally appeared Paul D. Grossman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Notary Public

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Case No: **4992 US**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

**BARNETT B. ROSENBULM**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: November 10, 2004

2. Name and address of receiving party(ies):

Name: Applera Corporation

Internal Address: Applied Biosystems Group

Street Address: 850 Lincoln Centre Drive

City: Foster City State: CA ZIP: 94404-1128

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) **10/718,016**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

**Andrew K. Finn, Ph.D.  
Applied Biosystems Group  
850 Lincoln Centre Drive  
Foster City, California 94404-1128**

Telephone: 650-570-6667

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41): \$ **40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

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8. Deposit account number:

**01-2213**

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Andrew K. Finn, Reg. No. 54,097**

Name of Person Signing

*Andrew Finn*

Signature

**11-10-04**

Date

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## ASSIGNMENT

For good and valuable consideration paid to me, receipt of which is hereby acknowledged, I,

**Barnett B. Rosenblum, 1521 Estelle Avenue, San Jose, California 95118, a US citizen;**

do hereby sell, assign, and set over unto

### **Applera Corporation**

a Delaware corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California (hereinafter "Assignee"), its successors, legal representatives and assigns, my entire right, title, and interest in and to any and all of my inventions and discoveries entitled:

### **POLYNUCLEOTIDE SEQUENCE DETECTION ASSAYS**

as described and/or claimed in my United States patent application, having an oath or declaration fully executed by me and, subsequently assigned Serial Number 10/718,016 and filing date of November 19, 2003 by the United States Patent and Trademark Office; in and to the right to file patent applications in the name of Assignee, its designee, in my name, or in any of my other name or names, on the aforesaid inventions and discoveries in any or all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified United States patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and under any other international arrangement to which the United States now is or hereafter becomes a signatory; in and to any and all applications for Letters Patent, and any and all Letters Patent that issue on any of the aforesaid applications, and in and to any and all divisions, continuations, and continuations-in-part of any and all of said applications, and any and all reissues, renewals and extensions of any of said Letters Patent, such that the same right, title and interest to be held and enjoyed by Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, shall be as full and complete as that that would have been held and enjoyed by me if this assignment and sale had not been made.

I further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with said invention, or said application for Letters Patent, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable to sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

I hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

